Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	(("4433604") or ("4812996") or ("5187776") or ("5675778") or ("5792971") or ("6140809") or ("6513004") or ("20020147595")).PN.	US-PGPUB; USPAT	OR	OFF	2005/10/03 14:25
L4	2	(("5027410") or ("4920508")).PN.	USPAT; USOCR	OR	OFF	2005/10/03 15:12
L5	94	(381/316).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/03 15:12
S1	1	("4536844").PN.	USPAT; USOCR	OR	OFF	2005/01/27 16:36
S2	17	"4536844".URPN.	USPAT	OR	OFF	2004/10/04 17:39
S3	2	(("5473759") or ("5536844")).PN.	USPAT; USOCR	OR	OFF	2003/10/09 09:54
S4	2	(("4473759") or ("5536844")).PN.	USPAT; USOCR	OR	OFF	2003/10/06 12:51
S5	1	("4536844").PN.	USPAT; USOCR	OR	OFF	2005/10/03 14:54
S6	1	("4471196").PN.	USPAT; USOCR	OR	OFF	2003/10/06 12:54
S7	1	("4771196").PN.	USPAT; USOCR	OR	OFF	2003/10/06 13:06
S8	3	digital near2 cochle$2 near2 model	USPAT; EPO; JPO	OR	OFF	2004/05/05 09:17
S9	0	(audio near2 process$3) same (sequen$2 near2 digital near2 filte$2)	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:08
S10	5	(cochle$2 near2 model) near5 digital	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:21
S11	3	lyon.in. and (cochlear)	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:33
S12	0	"interval research corporation".AS. and (cochlear)	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:13
S13	91	"interval research corporation".AS.	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:39
S14	0	watts.in. and (cochlear)	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:21
S15	36	cochle$2 near2 model	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:30
S16	0	(filter near2 bank near2 cascade) same cochlea$1	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:05
S17	24	(filter near2 bank) same cochlea$1	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:46

S18	.12	"5331222".URPN.	USPAT	OR	OFF	2003/10/06 13:35
S19	5	cochlear near2 filter near2 bank	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:43
S20	84	(filter near2 bank) same (select$2 near2 frequen$4)	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:00
S21	6	("3671889" | "3855556" | "4763089" | "4970479" | "5428814" | "5515017").PN.	USPAT	OR	OFF	2003/10/06 13:52
S22	7	"5515017".URPN.	USPAT	OR	OFF	2003/10/06 13:52
S23	7	"5515017".URPN.	USPAT	OR	OFF	2003/10/06 13:53
S24	0	(filter near2 bank near2 cascade) same octave$1	USPAT; EPO; JPO	OR	OFF	2004/05/05 09:19
S25	0	cochlear near5 model%3	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:44
S26	40	cochlear near5 model$3	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:33
S27	5	cochlea$1 near2 filter near2 bank	USPAT; EPO; JPO	OR	OFF	2003/10/08 14:12
S28	0	cochlea$1 near5 model%3	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:44
S29	1	("5502663").PN.	USPAT; USOCR	OR	OFF	2003/10/08 12:26
S30	1	"5502663".URPN.	USPAT	OR	OFF	2003/10/08 12:26
S31	8	("4146931" | "4185325" | "4337518" | "4356559" | "4803647" | "5031132" | "5170369" | "5315621").PN.	USPAT	OR	OFF	2003/10/08 12:26
S32	1	lyon.in. and (filter same cascade)	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:47
S33	0	(audio near2 process$3) same (filter near2 bank) same cochlea$1	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:48
S34	2	(audio near2 process$3) same (filter near2 bank) same ear	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:48
S35	36	(audio near2 process$3) same (filter near2 bank)	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:50
S36	2	(cochlear near3 implant) same (filter near2 bank)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:00
S37	0	(cochlear near3 implant) same (filter near3 cascade)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:02
S38	331	cochlear near3 implant	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:29
S39	10	("5411467" | "5498226" | "5772575" | "5906635" | "5913815" | "6216040" | "6259951" | "6272382" | "6275596" | "6308101").PN.	USPAT	OR	OFF	2003/10/08 13:04

S40	0	(filter near2 configur$2 near3 process$3) same (more near2 frequen$2)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:31
S41	15	(filter near2 configur$2 near3 process$3) same (frequen$4)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:32
S42	5	(filter near2 configur$2 near3 process$3) near3 (frequen$4)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:56
S43	3247	frequen$2 near2 select$3 near3 filter$1	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:57
S44	35	(frequen$2 near2 select$3 near3 filter$1) same (filter near2 bank)	USPAT; EPO; JPO	OR	OFF	2003/10/08 14:07
S45	15	(tuna$3 near3 filter$1) same (filter near2 bank)	USPAT; EPO; JPO	OR	OFF	2003/10/08 15:07
S46	4	audito$2 near2 filter near2 bank	USPAT; EPO; JPO	OR	OFF	2003/10/08 14:12
S47	0	filte$1 near2 shar$3 near3 coeeficien$4	USPAT; EPO; JPO	OR	OFF	2003/10/08 15:08
S48	20	filte$1 near2 shar$3 near3 coefficien$4	USPAT; EPO; JPO	OR	OFF	2003/10/08 16:08
S49	57	filte$1 same (coefficie$4 near2 shar$3)	USPAT; EPO; JPO	OR	OFF	2003/10/08 16:09
S50	4	("4967388" | "5081604" | "5262974" | "6282184").PN.	USPAT	OR	OFF	2003/10/08 16:11
S51	2	("4038536" | "5018202").PN.	USPAT	OR	OFF	2003/10/08 16:16
S52	72	(computer near2 program) same (process$3 near2 audio)	USPAT; EPO; JPO	OR	OFF	2003/10/09 10:50
S53	0	(computer near2 program) same (process$3 near2 audio) same (digital near2 filter$1)	USPAT; EPO; JPO	OR	OFF	2003/10/09 09:38
S54	150	(381/320).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/10/09 10:35
S55	609	(381/312).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/10/09 10:17
S56	353	(381/61).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/10/09 10:18
S57	2	(("5502663") or ("5983139")).PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/10/09 10:35
S58	2	(("6222930") or ("5604809")).PN.	USPAT; USOCR	OR	OFF	2003/10/09 10:51
S59	2	(("5983139") or ("5502663")).PN.	USPAT; USOCR	OR	OFF	2004/02/04 12:35

S60	10	filter$1 same (first adj2 frequen$2) near3 (secon$1 adj2 frequen$2) near3 (interv$3 or perio$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 11:44
S61	308	filter$1 near3 (first adj2 frequen$2) near3 (secon$1 adj2 frequen$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 11:44
S62	0	filter$1 near3 process$3 near3 (first adj2 frequen$2) near3 (secon$1 adj2 frequen$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 11:44
S63	28	filter$1 near3 process$3 same (first adj2 frequen$2) near3 (secon$1 adj2 frequen$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:11
S64	503	filter$1 near3 octav$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:12
S65	42	filter$1 near3 (frequenc$3 near2 octav$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:34
S66	147	(700/94).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/02/04 12:34
S67	71	(607/56).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/02/04 13:58
S68	1	"vulcan ventures".AS.	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:38
S69	0	"applied neurosystems".AS.	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:39
S70	0	"Applied Neurosystems".AS.	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:39
S71	0	"interval research corporation".AS. and cochlear	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:39
S72	1	"5983139".URPN.	USPAT	OR	OFF	2004/02/04 12:46
S73	8	("5012245" | "5027306" | "5323157" | "5357252" | "5408235" | "5549658" | "5601617" | "5626629").PN.	USPAT	OR	OFF	2004/02/04 12:47
S74	4	("704"/$).ccls. and programm$5 near2 (subband or sub-band)	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:04
S75	8	("5012245" | "5027306" | "5323157" | "5357252" | "5408235" | "5549658" | "5601617" | "5626629").PN.	USPAT	OR	OFF	2004/02/04 14:06
S76	22	"5601617".URPN.	USPAT	OR	OFF	2004/02/04 14:08
S77	2	("704"/$).ccls. and (subband or sub-band) same filter same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:23
S78	105	("704"/$).ccls. and filter same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:19

S79	63	(filter adj2 bank$1) same octave	USPAT; EPO; JPO	OR	OFF	2005/10/03 12:07
S80	25	(filter adj2 bank$1) same cochlea$1	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:39
S81	12	"5331222".URPN.	USPAT	OR	OFF	2004/02/04 14:32
S82	1	cochlear near3 (model$3 or implant) same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:34
S83	373	cochlear near3 (model$3 or implant)	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:34
S84	29	cochlear near3 (model$3 or implant) same filt$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:57
S85	2	"6182103".URPN.	USPAT	OR	OFF	2004/02/04 14:35
S86	2	("5227991" | "5731769").PN.	USPAT	OR	OFF	2004/02/04 14:35
S87	97	digita$1 adj2 filt$2 adj2 cascad$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:40
S88	1	"6161118".URPN.	USPAT	OR	OFF	2004/02/04 14:48
S89	8	("4872129" | "4983966" | "5043933" | "5592517" | "5689449" | "5732002" | "5880973" | "5956494").PN.	USPAT	OR	OFF	2004/02/04 14:49
S90	1	("5502663").PN.	USPAT; USOCR	OR	OFF	2004/02/04 14:57
S91	1	"5502663".URPN.	USPAT	OR	OFF	2004/02/04 14:57
S92	8	("4146931" | "4185325" | "4337518" | "4356559" | "4803647" | "5031132" | "5170369" | "5315621").PN.	USPAT	OR	OFF	2004/02/04 14:57
S93	113	lyon.in. and (filter)	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:04
S94	4	lyon.in. and (filter) same cochle$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:07
S95	4	"5355329".URPN.	USPAT	OR	OFF	2004/02/04 15:07
S96	5	lyon.in. and cochle$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:16
S97	1	("4771196").PN.	USPAT; USOCR	OR	OFF	2004/02/04 15:17
S98	9	"4771196".URPN.	USPAT	OR	OFF	2004/02/04 15:17
S99	22	("704"/$).ccls. and (filter adj2 bank) same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:24
S100	7	"5615302".URPN.	USPAT	OR	OFF	2004/02/04 15:22
S101	64	("704"/$).ccls. and (filter adj2 casca$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:23
S102	7	"5383145".URPN.	USPAT	OR	OFF	2004/02/04 15:36

S10 3	3	("4893264" | "5081604" | "5252932").PN.	USPAT	OR	OFF	2004/02/04 15:36
S10 4	66	(filter adj2 bank$1) same cascade	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:08
S10 5	378	(filter adj2 bank$1) same bandpass	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:08
S10 6	15	(filter adj2 bank$1) same bandpass same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:08
S10 7	39	("3234544" | "3298019" | "3582947" | "3678507" | "3750142" | "4210903" | "4243974" | "4366349" | "4390756" | "4393275" | "4425481" | "4441202" | "4536844" | "4545065" | "4548082" | "4590459" | "4596902" | "4685042" | "4689819" | "4701958" | "4739511" | "4792977" | "4829270" | "4868880" | "5027306" | "5099856" | "5103230" | "5126743" | "5233665" | "5241310" | "5247581" | "5276739" | "5303346" | "5317640" | "5387875" | "5448644" | "5495242" | "5500902" | "5553152").PN.	USPAT	OR	OFF	2004/02/04 16:10
S10 8	0	programm$5 near2 (subband or sub-band) near3 filter$1	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:24
S10 9	6	programm$5 near5 (subband or sub-band) near3 filter$1	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:24
S11 0	45	("704"/$).ccls. and (sampli$2 near2 rate) near3 lowe$1	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:25
S11 1	43	cascad$2 near2 (filter adj2 bank$1)	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:33
S11 2	697	("704"/$).ccls. and filter adj2 bank	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:42
S11 3	1	("5331222").PN.	USPAT; USOCR	OR	OFF	2004/02/04 16:51
S11 4	0	("cochlear$1samebandpasssameca scade").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/02/04 16:51
S11 5	1	cochlear$1 same bandpass same cascade	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:02
S11 6	5	cochlear$1 same bandpass same parall$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:03
S11 7	1	cochlear$1 same bandpass same cascad$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:03

S11 8	0	cochlear$1 same BPF same cascad$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:03
S11 9	169	bandpass near3 cascad$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:04
S12 0	6	("704"/$).ccls. and bandpass same cascade	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:35
S12 1	21	(filter near3 sampl$3 near2 first) same (second near3 frequen$2 near3 sampli$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:47
S12 2	16	(time adj2 vary$3 adj2 filter) same (sampli$2 adj2 rat$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:52
S12 3	705	(time) adj2 (vary$3 or invari$3) near3 filt$2	USPAT; EPO; JPO	OR	OFF	2004/02/05 12:18
S12 4	23	(time) adj2 (vary$3 or invari$3) near3 filt$2 same audio	USPAT; EPO; JPO	OR	OFF	2004/02/05 12:38
S12 5	24	(time) adj2 (vary$3 or vari$3) near3 filt$2 same audio	USPAT; EPO; JPO	OR	OFF	2004/02/05 13:27
S12 6	19	(filter adj2 coeffici$6) near2 represent$2 near3 bi$2	USPAT; EPO; JPO	OR	OFF	2004/02/05 13:27
S12 7	2	(("4536844") or ("6137349")).PN.	USPAT; USOCR	OR	OFF	2004/05/05 09:18
S12 8	2	(digital near2 filte$2) same octav$2 same downsampl$3	USPAT; EPO; JPO	OR	OFF	2004/05/05 10:58
S12 9	7	(filte$2) same octav$2 same downsampl$3	USPAT; EPO; JPO	OR	OFF	2004/05/05 10:04
S13 0	3	(filte$2) same (octav$2 near2 group)	USPAT; EPO; JPO	OR	OFF	2004/05/05 10:05
S13 1	3	(filte$2) same (octav$2 near2 group)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/05/05 10:05
S13 2	0	("704.200.1").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/05/05 10:58
S13 3	176	(704/200.1).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/05/05 10:58
S13 4	2	(704/200.1).ccls. and masking same octav$2	USPAT; EPO; JPO	OR	OFF	2004/05/05 10:59
S13 5	131	(704/200.1).ccls. and masking	USPAT; EPO; JPO	OR	OFF	2004/05/05 11:03
S13 6	38	cochlea$1 and (filter near2 ban$2) and octave	USPAT; EPO; JPO	OR	OFF	2004/05/05 11:04
S13 7	6	cochlear and (filter near2 banks) and octave	USPAT; EPO; JPO	OR	OFF	2004/05/05 11:04

S138	6	cochlear and (filter near2 banks) and octave	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/05/05 11:04
S139	6	(cochlear and (filter near2 banks)) and octave	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/25 15:44
S140	9	(("20030169891") or ("20020116196") or ("20020057808") or ("6289247") or ("6219580") or ("6070140") or ("5737719") or ("4858612") or ("4532930")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/05/05 11:19
S141	8	("20030169891" "20020116196" "20020057808" "6289247" "6219580" "6070140" "5737719" "4858612" "4532930") and cochlea$1 and (filter near2 bank) and octave	US-PGPUB; USPAT	OR	OFF	2004/05/05 11:20
S142	0	(filter near2 banks) and octave same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 11:41
S143	0	(filter near2 banks) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 11:41
S144	3	(filter near2 bank) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:31
S145	3	(filter near3 bank) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:33
S146	10	(filter near3 bank) and (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:44
S147	225	(absolute near2 value) and (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:44

S148	49	(absolute near2 value) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:44
S149	2	(absolute adj2 value) near3 (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:45
S150	49	(absolute adj2 value) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:45
S151	0	cochlear and (filter near2 banks) and octave and (state adj2 variabl$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/25 15:46
S152	0	cochle$2 and (filter near2 banks) and octave and (state adj2 variabl$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/25 15:46
S153	2	(filter near2 banks) and octave and (state adj2 variabl$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/25 15:47
S154	70	(filt$3) and octave and (state adj2 variabl$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/27 13:02
S155	11	"4934770".URPN.	USPAT	OR	OFF	2004/05/25 15:53
S156	15	("3927279" | "4099035" | "4119814" | "4354064" | "4366349" | "4405831" | "4409435" | "4415866" | "4484345" | "4490691" | "4508940" | "4517415" | "4535471" | "4596902" | "4630305").PN.	USPAT	OR	OFF	2004/05/25 15:54
S157	1	("4792977").PN.	USPAT; USOCR	OR	OFF	2004/10/04 17:25
S158	25	"4792977".URPN.	USPAT	OR	OFF	2004/10/04 17:24
S159	10	"4340854".URPN.	USPAT	OR	OFF	2004/09/10 10:50

S16 0	1	("5027410").PN.	USPAT; USOCR	OR	OFF	2005/04/13 11:50
S16 2	1	("6137349").PN.	USPAT; USOCR	OR	OFF	2005/01/27 16:36
S16 3	0	("10" adj2 octaves) with ("60" adj2 filters)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/04 09:46
S16 4	0	("10" adj2 octaves) same ("60" adj2 filters)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/04 09:46
S16 5	0	(octave adj2 groups) same filters same gain	USPAT	OR	OFF	2005/04/12 18:35
S16 6	1	(octave adj2 groups) same filters same gain	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 15:06
S16 7	0	(octave adj2 groups) same filters same (shar$3 adj2 coefficien$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 15:06
S16 8	9	(octave adj2 groups) same filters	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 15:08
S16 9	5	(octave adj2 group) same filters	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 15:09
S17 0	109	filter adj3 (group or bank) same octave	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 15:25
S17 1	6	plurality adj2 octave adj2 filters	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 15:29
S17 3	51	(3-pin or (three adj2 pin)) with (IC or (integrated adj2 circuit))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 16:07
S17 4	0	(auditory adj2 model$3) same (octave adj2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 16:08
S17 5	11	(auditory or hearing) same (octave adj2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 16:11

S17 6	10	(ear) same (octave adj2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 16:11
S17 7	0	(cascaded adj2 filter adj2 bank) same octave	USPAT	OR	OFF	2005/04/14 11:34
S17 8	0	(cascaded adj2 filter adj2 bank) same octave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/12 18:30
S17 9	0	(cascade adj2 filter adj2 bank) same octave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/12 18:30
S18 0	2	cascad$2 same (filter adj2 bank) same octave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/12 18:33
S18 1	11	("4615007").URPN.	USPAT	OR	OFF	2005/04/12 18:32
S18 2	87	(filter adj2 bank) same octave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/12 18:33
S18 3	3	(filter adj2 bank) same octave same downsampl$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/12 18:33
S18 4	18	(octave adj2 filters) same gain	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 18:48
S18 5	1	filter with (shares or sharing) with coefficients with (second adj2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/13 12:02
S18 6	0	(cascaded with filter with group) same octave	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/13 11:18
S18 7	69	(cascaded with filter with group)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/13 11:18
S18 8	1	(cascaded with filter with group) same (hearing or audio)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/13 11:19

S18 9	0	(cascaded with filter with group) same (ear)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/13 11:19
S19 0	3	(cascaded with filters) same (ear)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/13 11:19
S19 1	10	("5473759").URPN.	USPAT	OR	OFF	2005/04/13 11:20
S19 2	10	("5473759").URPN.	USPAT	OR	OFF	2005/04/13 11:23
S19 3	18	("4536844").URPN.	USPAT	OR	OFF	2005/04/13 11:32
S19 4	6	("5402493").URPN.	USPAT	OR	OFF	2005/04/13 11:35
S19 5	116	filter with (using) with coefficients with (second adj2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/13 11:52
S19 6	1	filter with (similar or unvaried) with coefficents with (second adj2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/13 11:53
S19 7	52	filter with (shares or sharing) with coefficients	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/14 11:25
S19 8	0	filters with (using adj2 one adj2 set adj2 coefficients)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/13 12:06
S19 9	139	filters with one with set with coefficients	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/13 12:07
S20 0	5	filters adj3 one adj3 set adj3 coefficients	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/13 12:07
S20 1	0	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filterbanks) same (coefficients with correspond$3 with (section or sections))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:30
S20 2	0	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filterbanks) same (coefficients with correspond$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:25

S20 3	0	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filterbanks) and (coefficients with correspond$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:25
S20 4	0	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filterbanks) same (sharing adj2 coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:26
S20 5	0	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filterbanks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:26
S20 6	0	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filter adj2 banks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:26
S20 7	0	(704/200.1,500-504,219,229, 230).ccls. and (plurality adj2 filter adj2 banks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:26
S20 8	3	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filterbanks)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:58
S20 9	0	(plurality adj2 filterbanks) same (sharing adj2 coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:27
S21 0	0	(plurality adj2 filterbanks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:27
S21 1	0	704/200.1,500-504,219,229,230. ccls. and (filterbanks) same (coefficients with correspond$3 with (section or sections))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:27
S21 2	0	704/200.1,500-504,219,229,230. ccls. and (filterbanks) same (coefficients with correspond$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:27
S21 3	0	"704"/$.ccls. and (plurality adj2 filterbanks) same (coefficients with correspond$3 with (section or sections))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:27
S21 4	3	"704"/$.ccls. and (plurality adj2 filterbanks)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:28
S21 5	8	704/200.1,500-504,219,229,230. ccls. and (filterbanks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:34
S21 6	10	"704"/$.ccls. and (filterbanks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:35
S21 7	23	(filterbanks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:41

S21 8	32	(octaves) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:06
S21 9	48	(octaves) same (sequential)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:44
S22 0	4	(octaves) same (sequential) same filters	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:44
S22 1	0	(octaves) same (sequential) same coefficients	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:44
S22 2	48	(octaves) same (sequential)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:52
S22 3	0	(sequential adj2 filterbanks)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:53
S22 4	0	(sequential same filterbanks)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:53
S22 5	4	704/200.1,500-504,219,229,230. ccls. and (plurality near2 filterbanks)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:58
S22 6	0	704/200.1,500-504,219,229,230. ccls. and (coefficients near3 corresponding)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:58
S22 7	1	704/200.1,500-504,219,229,230. ccls. and (sharing near2 coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:59
S22 8	27	(sharing near2 coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:31
S22 9	196	(octaves) same (filters)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:06
S23 0	69	sharing near2 (coefficients or taps or weights)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:15
S23 1	0	mapping with coefficients with filterbanks	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:15
S23 2	0	mapping same coefficients same filterbanks	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:15

S23 3	20	("4550414" | "4642567" | "5005185" | "5099243" | "5216691" | "5218619" | "5237586" | "5255292" | "5295153" | "5406586" | "5422909" | "5425049" | "5440583" | "5572552" | "5615209" | "5689528" | "5848096" | "5903597" | "5920287" | "5982810").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/14 10:17
S23 4	634	(cascaded same coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:35
S23 5	208	(cascaded same coefficients) same filters	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:31
S23 6	4	(cascaded same filterbank)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:35
S23 7	3	("5732189").URPN.	USPAT	OR	OFF	2005/04/14 11:03
S23 8	3	(cochlea or cochlear) near2 modeling and filters	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 11:03
S23 9	51	("5027410").URPN.	USPAT	OR	OFF	2005/04/14 11:22
S24 0	1	shares adj3 filter adj3 coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/14 11:25
S24 1	3	shares adj3 filter adj3 coefficients	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/14 11:28
S24 2	0	(cascaded adj2 filterbank) same octave	USPAT	OR	OFF	2005/04/14 11:34
S24 3	0	(cascaded adj2 filterbanks) same octaves	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 11:34
S24 4	0	(cascaded near3 filterbanks) same octaves	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 11:35
S24 5	0	(cascaded near3 filterbanks) same octaves	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 11:35

S246	0	(plural near3 filterbanks) same octaves	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 11:35
S247	0	(many or multiple) near3 filterbanks same octaves	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 11:36
S248	7	(many or multiple) near3 filterbanks	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 11:36
S249	2	ghitza.in. and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 15:37
S250	19	("4905285").URPN.	USPAT	OR	OFF	2005/04/14 15:38
S251	11	("5377302").URPN.	USPAT	OR	OFF	2005/04/14 15:41
S252	3733	coefficient near3 ("13" or "12" adj2 bits)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/15 07:29
S253	11	coefficient near3 ("13" adj2 bits)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/15 07:30
S254	48	coefficient near3 ("12" adj2 bits)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/15 07:31
S255	0	(filters) same ("10" adj2 octaves) same "60"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/03 12:08
S256	0	(filters) same ("10" adj2 octaves)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/03 12:08
S257	28	("10" adj2 octaves)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/03 12:08